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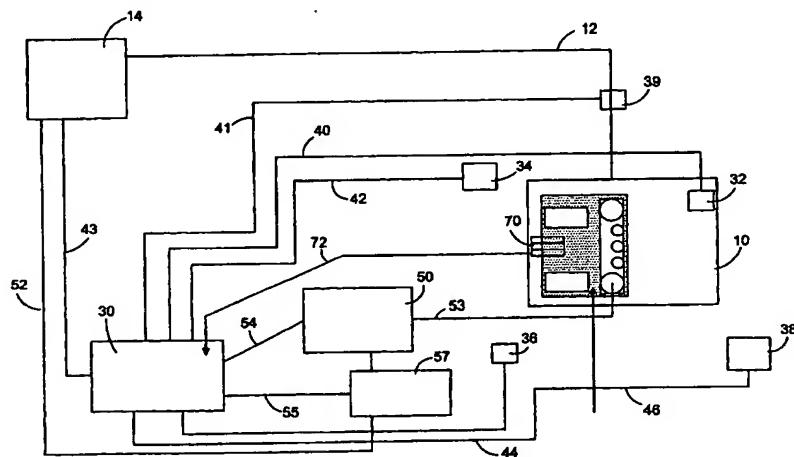
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(54) Title: DEVICE FOR SECURITY SYSTEMS FOR OPERATION OF HABITATS ON INSTALLATIONS



(57) Abstract: A device is described for a safety system on an installation in connection with the operation of a habitat (10) in which an object that is carrying out work which results in heat generation such as flames, sparks and the like, is isolated from the surroundings, and where an overpressure of air is set up in the habitat (10) to prevent ingress of flammable gases, and comprising systems for supply of electricity and overpressure air to the equipment inside the habitat, and also an alarm system which can warn of irregularities and the like. The device is characterised in that the safety system comprises a shut-down central (30) to which is connected a number of detectors (32-38) placed in or adjacent to the habitat, and that can register parameters such as gases, temperatures, changes in temperature, and also pressure conditions adjacent to or inside the habitat, and that the shut-down central (30) is arranged to shut down operation of the heat generating equipment when irregularities arise in the operation of the habitat.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

IPC7: G08B 17/00, G08B 17/117, G08B 27/00, A62C 37/36, H01H 39/00, H02H 3/02
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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: G08B, A22C, H01H, H02H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

WPI, PAJ, FULLTEXT, EPOQUE, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 0139222 A2 (MCGILL, JAMES, C.), 31 May 2001 (31.05.2001), figures 3-5,20-22, claims 24-25, Summary of the invention pages 2-8	1-3
Y	--	4-10
Y	US 6380852 B1 (MICHAEL G. HARTMAN ET AL), 30 April 2002 (30.04.2002), column 2, line 7 - column 3, line 57, figures 1-20, claims 1-23	4-10
A	DE 4241862 A1 (ABB PATENT GMBH), 16 June 1994 (16.06.1994), figures 1-3, claims 1-11	1-10
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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	GB 1383104 A (AIR INDUSTRIE), 5 February 1975 (05.02.1975), figure 1, claims 1-8 --	1-10
A	US 4275311 A (UMBERTO AGAZZONE ET AL), 23 June 1981 (23.06.1981), figures 1-3, claims 1-9 --	1-10
A	DK 159167 B (FRANCO MARIA CONTE), 10 Sept 1990 (10.09.1990), figures 1-2, abstract ---	1-10

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